

Inventor: Jones, et al.
Title: Flipper Arm Ejector

Abstract

Apparatuses and methods for deflecting a product from a distribution conveyor of a product determination and separation line are provided. Ejectors are positioned along a conveyor and are selectively activated and deactivated to result in deflection of product from the conveyor into a desired bin or other storage location. A flipper arm of the ejector is positioned to at least partially overlap the surface of the conveyor belt to reduce wear and ravel of the conveyor belt. An actuator which rotates the flipper arm is positioned above the conveyor to allow for easy cleaning and maintenance. The ejector is releasably and pivotally connected to the frame of the conveyor to allow for further ease of cleaning and maintenance.